

## Ethyl L-leucinate HCl

## Chemical Properties

CAS No. : 2743-40-0

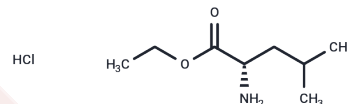
Formula: C<sub>8</sub>H<sub>18</sub>ClNO<sub>2</sub>

Molecular Weight: 195.69

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Ethyl L-leucinate HCl has been used as a hypertrophic agent to monitor its effects on myotubes and has also been used as a component of PMG media for culturing yeast.
Targets(IC50)	Amino Acids and Derivatives

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1101 mL	25.5506 mL	51.1012 mL
5 mM	1.022 mL	5.1101 mL	10.2202 mL
10 mM	0.511 mL	2.5551 mL	5.1101 mL
50 mM	0.1022 mL	0.511 mL	1.022 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

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Chen G, Li J, Sun Z, Zhang S, Li G, Song C, Suo Y, You J. Rapid and sensitive ultrasonic-assisted derivatisation microextraction (UDME) technique for bitter taste-free amino acids (FAA) study by HPLC-FLD. *Food Chem*. 2014 Jan 15;143:97-105. doi: 10.1016/j.foodchem.2013.07.099. Epub 2013 Jul 27. PubMed PMID: 24054218.

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Chipley JR, Mabee MS, Alegate KL, Dreyfuss MS. Further characterization of tissue distribution and metabolism of (14C) aflatoxin B1 in chickens. *Appl Microbiol*. 1974 Dec;28(6):1027-9. PubMed PMID: 4615634; PubMed Central PMCID: PMC186876.

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